

# **DEVICE FOR CONTROLLING OR REGULATING AUXILIARY BRAKE TORQUE IN A MOTOR VEHICLE**

## **Abstract**

Method and arrangement for controlling or regulating total auxiliary brake torque in a motor vehicle. The device includes at least one first auxiliary brake (4) of a first type and at least one second auxiliary brake (4, 6) of a second type that is different from the first type. The second auxiliary brake (4, 6) can take the form of a retarder (4, 6). A control system (10, 17) is provided for controlling or regulating the auxiliary brake. Information is stored in the control system regarding characteristics of the respective auxiliary brake (4, 6) and at least one predefined limit value for maximally permitted auxiliary brake torque. The control system (10, 17) is designed such that, if the limit value is exceeded or if a request is made for the brake force from the auxiliary brakes (4, 6) to be moderated, then this is done by turning down or moderating, in the first place, the brake torque of the retarder (6).